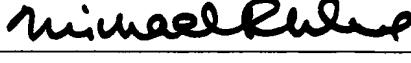


FORM PTO 1390 (REV 10-2003)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		ATTORNEY/DOCKET NUMBER 506612000104
INTERNATIONAL APPLICATION PCT/US03/12946		INTERNATIONAL FILING 24 April 2003		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/511,937
TITLE OF INVENTION METHODS AND COMPOSITIONS FOR DIAGNOSING AND MONITORING TRANSPLANT REJECTION		PRIORITY DATE CLAIMED 24 April 2002		
APPLICANT(S) FOR DO/EO/US Jay WOHLGEMUTH et al.				
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:				
<ol style="list-style-type: none"> <input type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. <input checked="" type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing 35 U.S.C. 371. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below. <input type="checkbox"/> The US has been elected (Article 31). <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)). <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)). <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (4)). (6 pgs) <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). 				
Items 11 to 20 below concern document(s) or information included:				
<ol style="list-style-type: none"> <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98 (3 pgs) <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. <input checked="" type="checkbox"/> A SUPPLEMENTARY preliminary amendment (4 pgs) <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. <input type="checkbox"/> A substitute specification. <input type="checkbox"/> A power of attorney and/or change of address letter. <input checked="" type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. (Sequence List CRF) (1 CD ROM) <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4). <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). <input checked="" type="checkbox"/> Other items or information: COPY of Ntc of Missing Requirements - 2 pgs; PTO/SB/08a/b (citing 300 refs - no copies attached) - 16 pgs; Statement to Support Filing and Submission of Sequence List - 2 pgs; Sequence List CRF - 1 CD ROM; COPY of Sequence List - 1 CD ROM; and Return Receipt Postcard 				

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EL990375635US)

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/511,937	INTERNATIONAL APPLICATION NO. PCT/US03/12946	ATTORNEY'S DOCKET NUMBER 506612000104		
21. <input checked="" type="checkbox"/> The following fees are submitted:		CALCULATIONS PTO USE ONLY		
<input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO \$1080.00 <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO \$920.00 <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$770.00 <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) \$730.00 International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) \$100.00				
ENTER APPROPRIATE BASIC FEE AMOUNT =		\$ 0.00		
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months From the earliest claimed priority date (37 CFR 1.492 (e)).		\$ 130.00		
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total claims	2 - =	0	x 9.00	\$ 0.00
Independent claims	1 - =	0	x 44.00	\$ 0.00
MULTIPLE DEPENDENT CLAIM(s) (if applicable)				\$ 0.00
TOTAL OF ABOVE CALCULATIONS =		\$ 130.00		
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.		\$ 65.00		
SUBTOTAL =		\$ 65.00		
Processing fee of \$130.00 for furnishing the English translation later than 30 months From the earliest claimed priority date (37 CFR 1.492 (f)).		\$ 0.00		
TOTAL NATIONAL FEE =		\$ 65.00		
Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property		+ \$ 0.00		
TOTAL FEES ENCLOSED =		\$		Amount to be refunded: \$
a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed. b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>03-1952</u> in the amount of \$ <u>65.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>03-1952</u> . A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.				
<p>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.</p> <p>SEND ALL CORRESPONDENCE TO: Michael R. Ward MORRISON & FOERSTER LLP 425 Market Street San Francisco, CA 94105-2482</p> <p>CUSTOMER NUMBER: 20872</p> <p>0000011A 031952 10511937</p>				
SIGNATURE:  NAME MICHAEL R. WARD July , 2005 REGISTRATION NUMBER 38,651				

07/27/2005 GFREY

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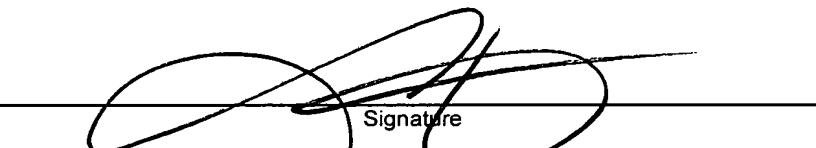
sf-1820511

Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. EL990375635US in an envelope addressed to:

MS: BOX PCT/DO/EO/US
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

on July 22, 2005
Date



Signature

LILIA OLSEN

Typed or printed name of person signing Certificate

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

1. Transmittal Letter to the United States Designated-Elected Office (IN DUPL) - **6 pages**
2. COPY of Notification of Missing Requirements - **2 pages**
3. Declaration (signed) - **6 pages**
4. SUPPLEMENTAL Preliminary Amendment - **4 pages**
5. Information Disclosure Statement - **3 pages**
6. PTO/SB/08s/b - **16 pages**
7. Statement in Support Filing and Submission of Sequence List - **2 pages**
8. Sequence Listing CRF - **1 CD ROM**
9. Sequence Listing - COPY - **1 CD ROM**

COPY



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/511,937	Jay Wohlgemuth	506612000104
INTERNATIONAL APPLICATION NO.		
PCT/US03/12946		
20872 MORRISON & FOERSTER LLP 425 MARKET STREET SAN FRANCISCO, CA 94105-2482	RECEIVED JUL 05 2005 MORRISON & FOERSTER	I.A. FILING DATE PRIORITY DATE 04/24/2003 04/24/2002
CONFIRMATION NO. 9500 371 FORMALITIES LETTER *OC000000016407230*		

Date Mailed: 06/29/2005

MAIL OR DUE DATE

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 10/19/2004
- Copy of the International Search Report filed on 10/19/2004
- Preliminary Amendments filed on 10/19/2004
- Biochemical Sequence Listing filed on 10/19/2004
- Small Entity Statement filed on 10/19/2004
- Request for Immediate Examination filed on 10/19/2004
- U.S. Basic National Fees filed on 10/19/2004
- Assignee Statement for PGPUB filed on 10/19/2004
- Priority Documents filed on 10/19/2004
- Power of Attorney filed on 10/19/2004

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- **\$65** Surcharge for providing the oath or declaration later than 30 months from the priority date (37 CFR 1.492(e)) is required.

SUMMARY OF FEES DUE:

Total additional fees required for this application is **\$65** for a Small Entity:

*miss. veguement's
due
DOCKETED CRM
8/29/05
1/29/06 - F*

- **\$65 Late oath or declaration Surcharge.**

- A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:

- **For Rules Interpretation, call (571) 272-0951**
- **For Patentin Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.**
- **Send e-mail correspondence for Patentin Software Program Help @ ebc@uspto.gov**

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

A copy of this notice MUST be returned with the response.

SHELBY J VIGIL

Telephone: (703) 308-9140 EXT 224

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/511,937	PCT/US03/12946	506612000104